

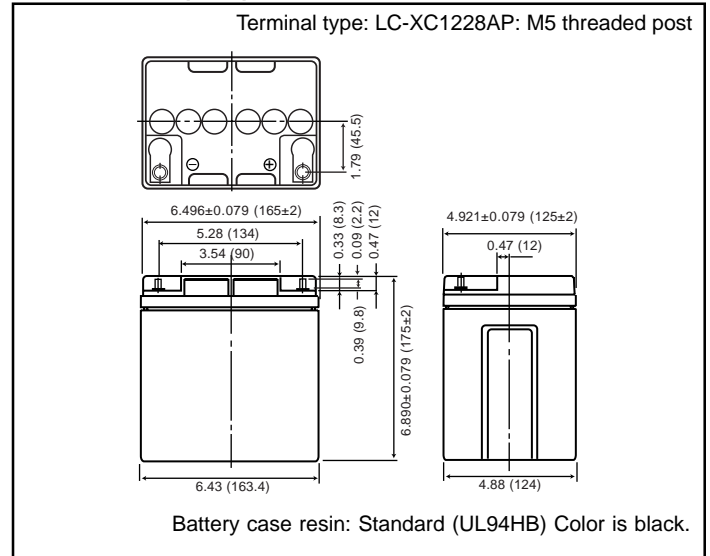
VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

LC-XC1228AP



For main power supplies.
Cycle long life type.

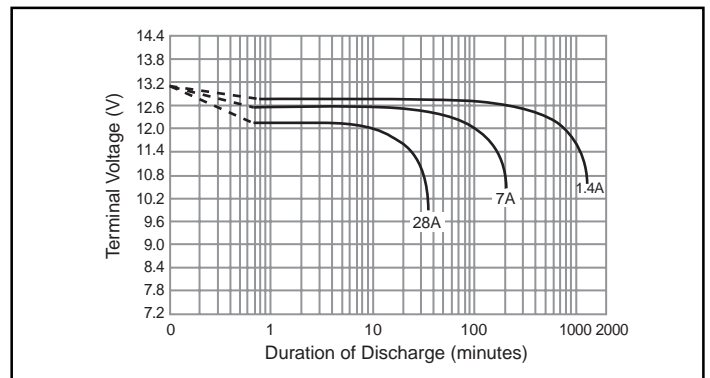
Dimensions (mm)



Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		28Ah
Dimensions	Length	6.496 inches (165 mm)
	Width	4.921 inches (125 mm)
	Height	6.890 inches (175 mm)
	Total Height	7.07 inches (179.5 mm)
Approx. mass		24.34 lbs. (11 kg)
Standard Terminals and Resin	UL94HB M5 Threaded Post	LC-XC1228AP

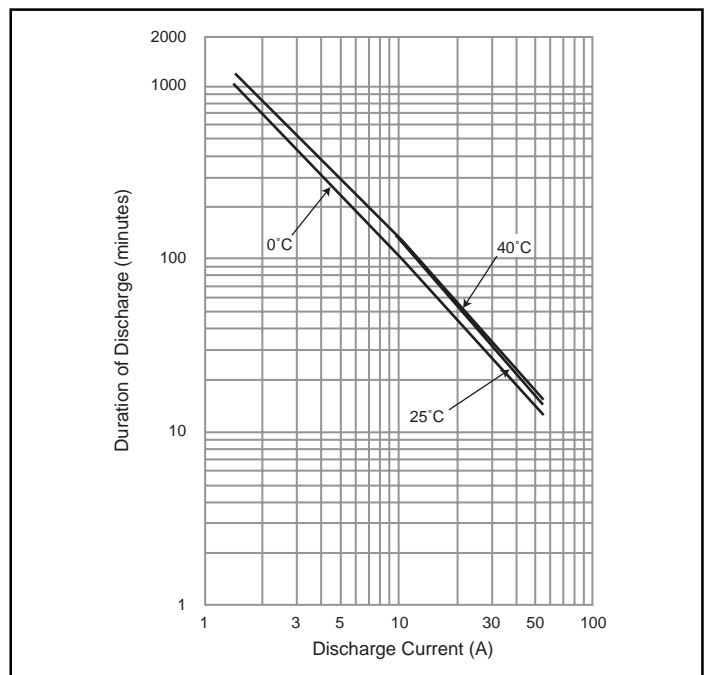
Discharge characteristics 77°F (25°C) (Note)



Characteristics

Capacity (note) 77°F (25°C)	20 hour rate (1.4A)	28Ah	
	10 hour rate (2.65A)	26.5Ah	
Internal Resistance	5 hour rate (4.8A)	24Ah	
	1 hour rate (18A)	18Ah	
	1.5 hour rate discharge Cut-off voltage 10.5 V	14A	
Temperature dependency of capacity (20 hour rate)	Fully charged battery 77°F (25°C)	Approx. 10mΩ	
Self discharge 77°F (25°C)	104°F (40°C)	102%	
	77°F (25°C)	100%	
	32°F (0°C)	85%	
	5°F (-15°C)	65%	
Charge Method (Constant Voltage)	Cycle use (Repeating use)	Residual capacity after standing 3 months	91%
		Residual capacity after standing 6 months	82%
Initial current	Control voltage	Residual capacity after standing 12 months	64%
		11.2 A or smaller	14.5V to 14.9V (per 12V cell 25°C)

Duration of discharge vs. Discharge current (Note)



(Note) The above characteristics data are average values obtained within three charge/discharge. Cycles not the minimum values.